

Allen B. White, Ph.D.

Publications

Refereed Journal Articles

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- Creamean, J. M., D. J. Suski, D. Rosenfeld, A. Cazorla, P. J. DeMott, R. C. Sullivan, A. B. White, F. M. Ralph, P. Minnis, J. M. Comstock, J. M. Tomlinson, and K. A. Prather, 2013: Dust and Biological Aerosols from the Sahara and Asia Influence Precipitation in the Western U.S. *Science*, doi:10.1126/science.1227279
- Darby, L.S., R.M. Banta, W.A. Brewer, W.D. Neff, R.D. Marchbanks, B.J. McCarty, C.J. Senff, A.B. White, W.M. Angevine, and E.J. Williams, 2002: Vertical variations in O₃ concentrations before and after a gust front passage. *J. Geophys. Res.*, **107**, 10.1029/2001JD000996.
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Patents

White, A.B., D.J. Gottas, F.M. Ralph, and P.J. Neiman, 2003: Operational bright-band snow level detection using Doppler radar. *U.S. Patent and Trademark Office.*, U.S. Patent # 6,615,140.

Technical Memoranda

White, A.B., 1997: A field comparison of the Vaisala CT12K and CT25K ceilometers. NOAA Tech. Memo. ERL ETL-281, NOAA Environmental Technology Laboratory, Boulder, CO, 9 pp.

White, A.B., 1997: Radar remote sensing of scalar and velocity microturbulence in the convective boundary layer. NOAA Tech. Memo. ERL ETL-276, NOAA Environmental Technology Laboratory, Boulder, CO, 127 pp.

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Conference Proceedings and Presentations

(Not updated since 2006)

White, A.B., 2006: The meteorological aspects of regional air quality. NOAA Earth System Research Laboratory Dedication, 23-24 August, 2006, invited talk.

White, A., C. Senff, L. Darby, A. Keane, I. Djalalova, D. White, D. Ruffieux, and S. McDonnel, 2006: A new wind-profiler trajectory tool for weather and air quality applications. *Proceedings, 7th Intern. Symposium on Tropospheric Profiling*, 11-17 June 2006, Boulder, CO, NCAR and NOAA, poster presentation.

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White, A. C. Senff, A. Keane, D. Ruffieux, and S. McDonnel, 2006: A wind profiler trajectory tool for air quality transport applications. *Proceedings CD, 14th Joint Conf. on the Applications of Air Pollution Meteorology with the Air and Waste Management Association*, 29 January – 2 February, 2006, Atlanta, Georgia, AMS, Boston.

White, A.B., C.J. Senff, L.S. Darby, J. Koermer, and R. Talbot, 2005: Comparing meteorological controls on air quality during the NEAQS (2002) and ICARTT (2004) field campaigns. AGU Fall Meeting, San Francisco, CA.

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White, A.B., J. Koury, and D.C. Ruffieux, 2003: NOAA wind profiler network observations during three ozone episodes from the summer of 2002. NEAQS-2002 Data Workshop, May 28-30, 2003, Durham, NH, Univ. of New Hampshire, oral presentation.

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